Name: ______________________________

GCSE (1 – 9)

SOHCAHTOA

Instructions

• Use **black** ink or ball-point pen.
• Answer all questions.
• Answer the questions in the spaces provided
– *there may be more space than you need.*
• Diagrams are **NOT** accurately drawn, unless otherwise indicated.
• You must **show all your working out.**

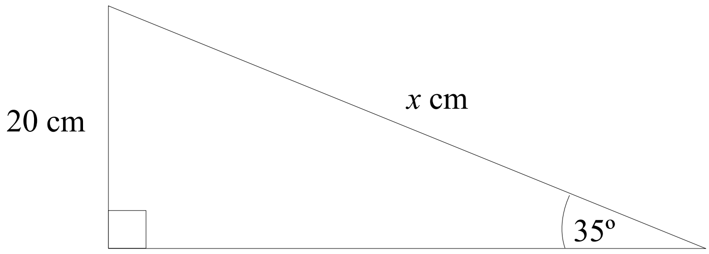
Information

• The marks for each question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*

Advice

• Read each question carefully before you start to answer it.
• Keep an eye on the time.
• Try to answer every question.
• Check your answers if you have time at the end

1

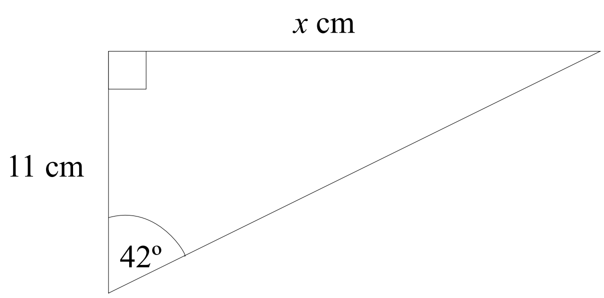


Work out the value of x.

…..........................

(Total for question 1 is 2 marks)

2

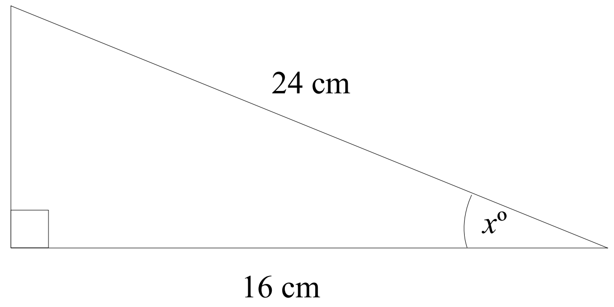


Work out the value of x.

…..........................

(Total for question 2 is 2 marks)

3

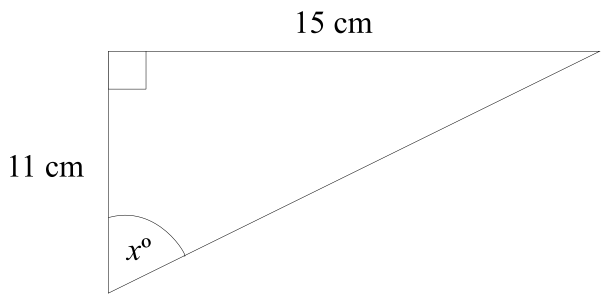


Work out the value of x.

…..........................

(Total for question 3 is 2 marks)

4

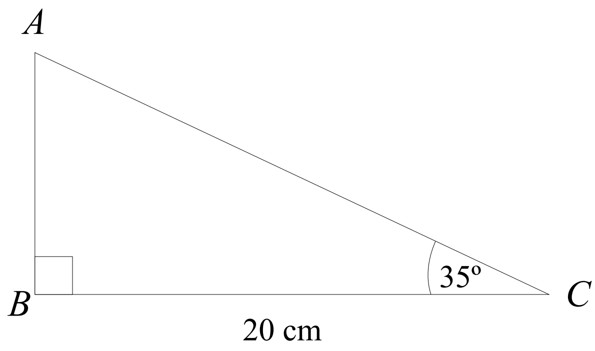


Work out the value of x.

…..........................

(Total for question 4 is 2 marks)

5

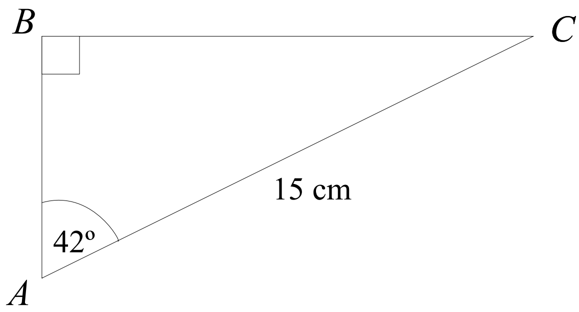


Calculate the length *AB*.

…..........................cm

(Total for question 5 is 2 marks)

6

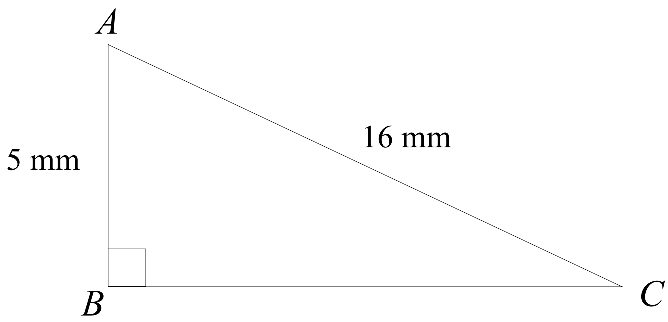


Calculate the length *AB*.

…..........................cm

(Total for question 6 is 2 marks)

7

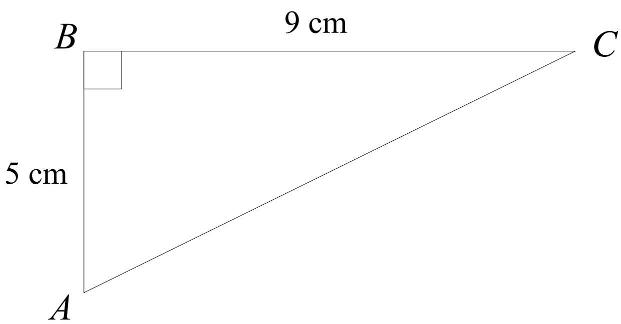


Calculate the size of angle *ACB*.

……........................°

(Total for question 7 is 2 marks)

8

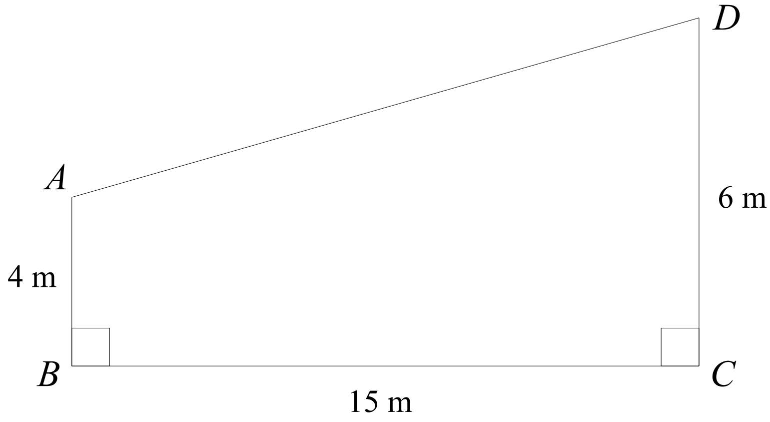


Calculate the size of angle *BAC*.

……........................°

(Total for question 8 is 2 marks)

9

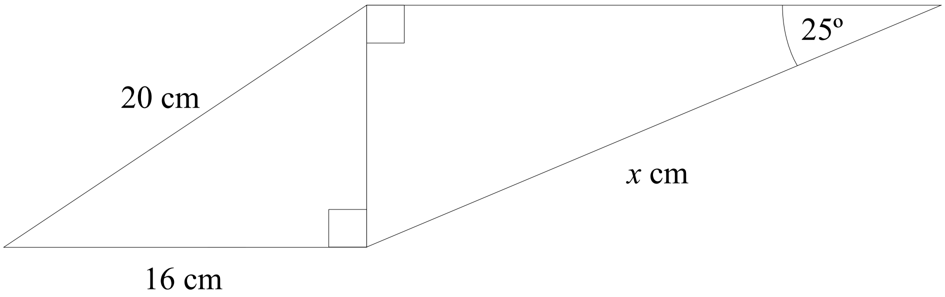


Work out the size of angle *BAD*.
Give your answer to 1 decimal place.

…..........................°

(Total for question 9 is 3 marks)

10

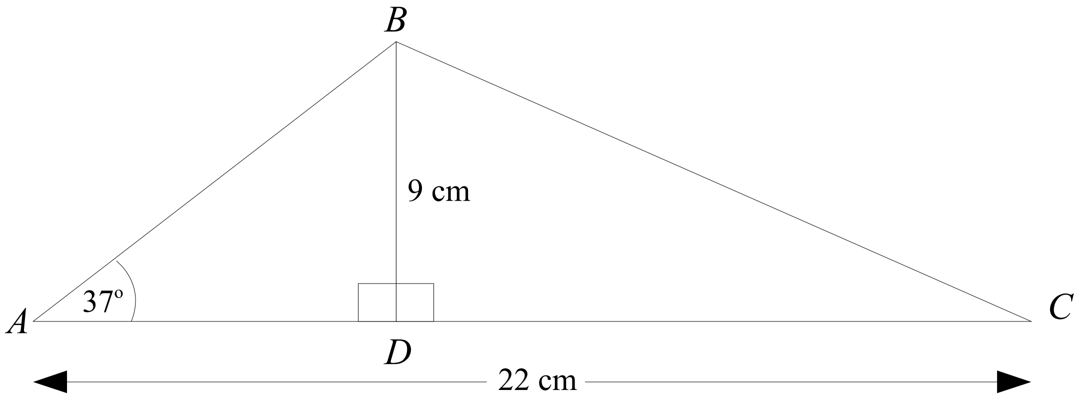


Work out the value of *x*.
Give your answer to 1 decimal place.

…..........................

(Total for question 10 is 4 marks)

11



Work out the size of angle *BCD*.
Give your answer to 1 decimal place.

…...........................°

(Total for question 11 is 4 marks)